

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052024\
 Data File : VN082211.D
 Acq On : 20 May 2024 15:46
 Operator : JC\MD
 Sample : P2511-06 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 510-B

Quant Time: May 21 03:49:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

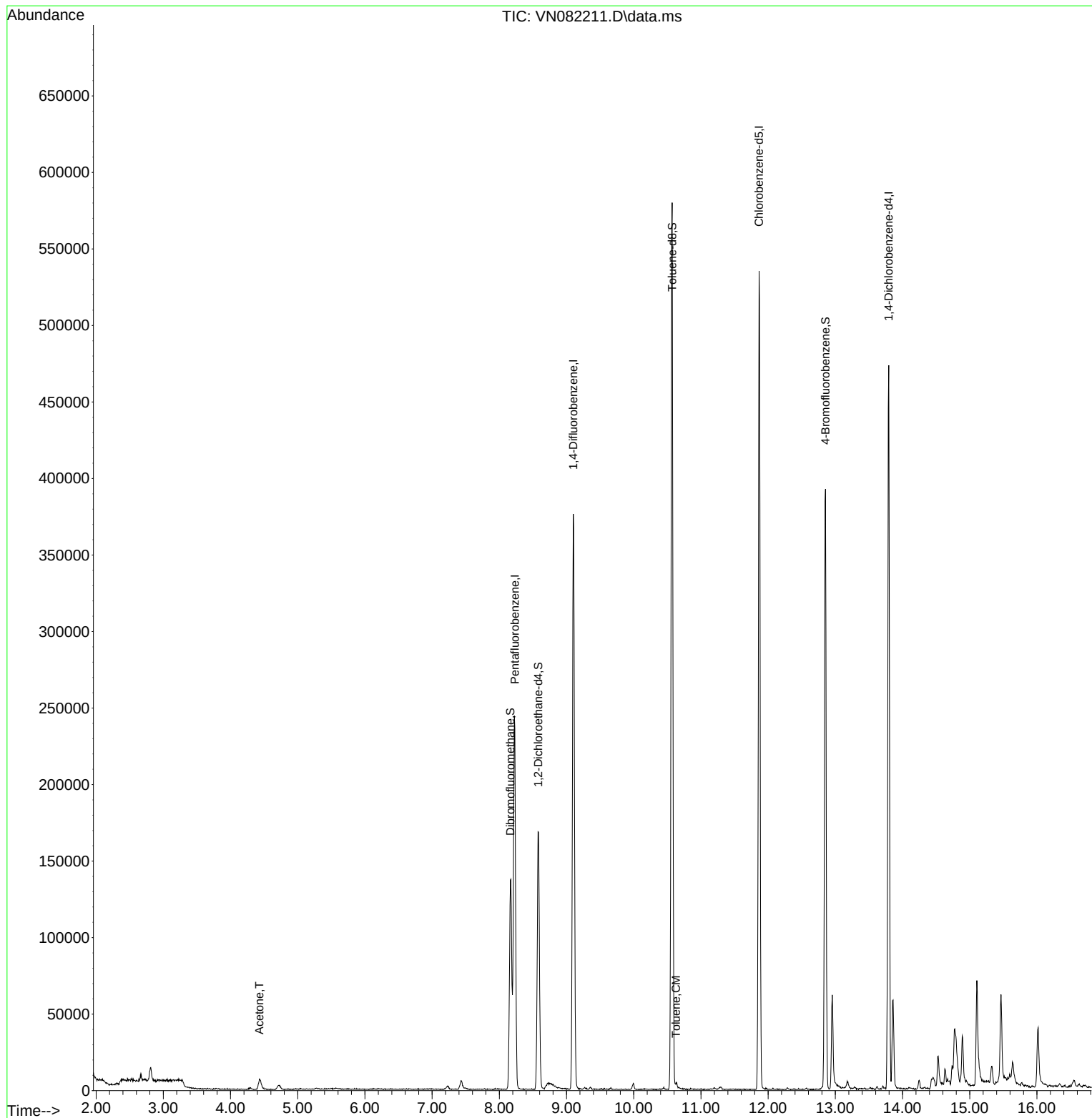
Internal Standards						
1) Pentafluorobenzene	8.230	168	168890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	298880	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	278905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119445	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	139407	52.275	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.540%	
35) Dibromofluoromethane	8.165	113	97173	52.852	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.700%	
50) Toluene-d8	10.571	98	383014	54.336	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.680%	
62) 4-Bromofluorobenzene	12.853	95	128287	50.990	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 101.980%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	13600	12.432	ug/l	91
52) Toluene	10.630	92	1693	0.307	ug/l	90

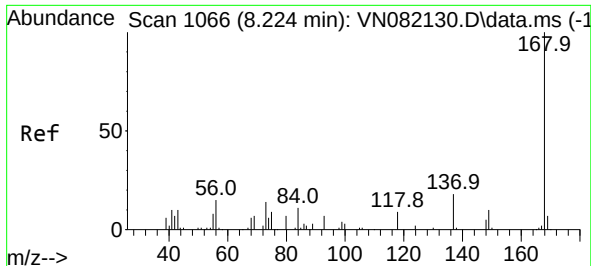
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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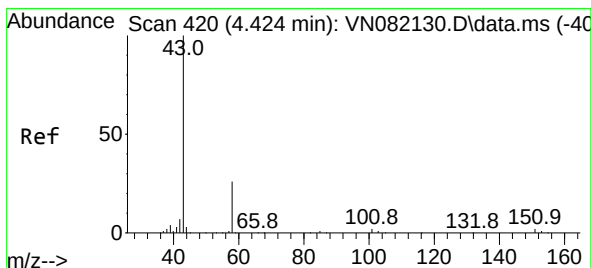
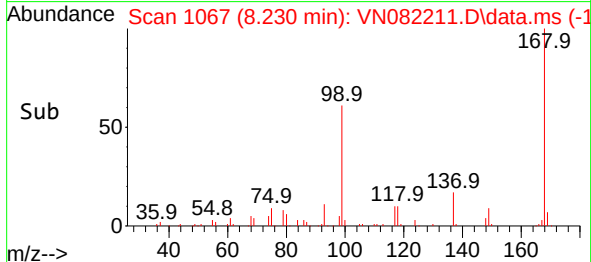
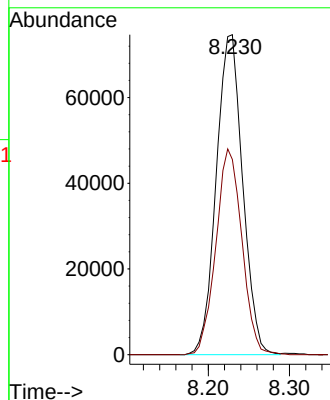
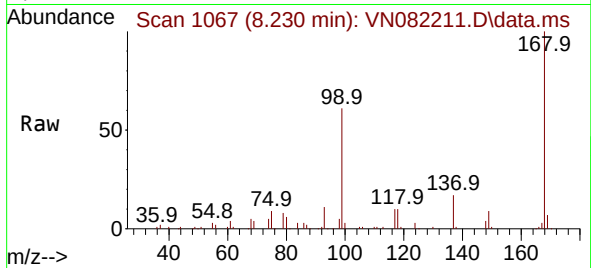




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082211.D
Acq: 20 May 2024 15:46

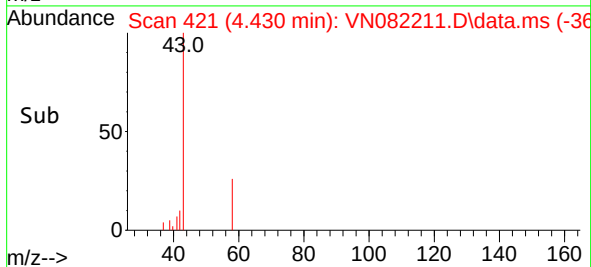
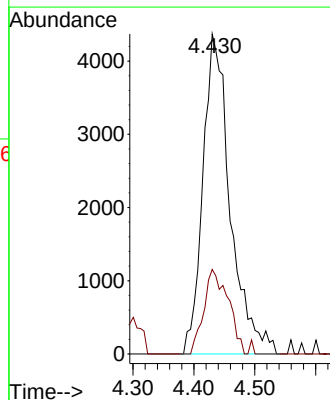
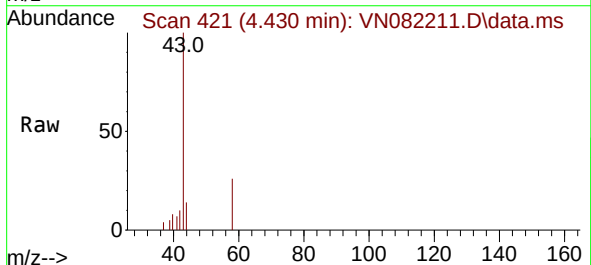
Instrument :
MSVOA_N
ClientSampleId :
510-B

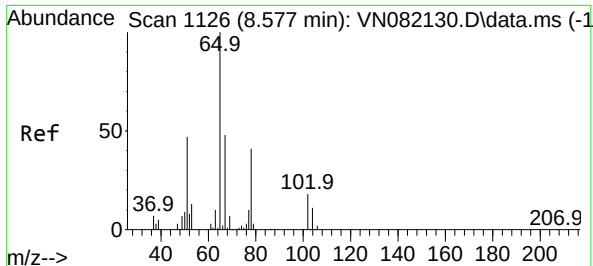
Tgt Ion:168 Resp: 168890
Ion Ratio Lower Upper
168 100
99 61.0 48.2 72.4



#16
Acetone
Concen: 12.432 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082211.D
Acq: 20 May 2024 15:46

Tgt Ion: 43 Resp: 13600
Ion Ratio Lower Upper
43 100
58 26.4 25.2 37.8





#33

1,2-Dichloroethane-d4

Concen: 52.275 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN082211.D

Acq: 20 May 2024 15:46

Instrument :

MSVOA_N

ClientSampleId :

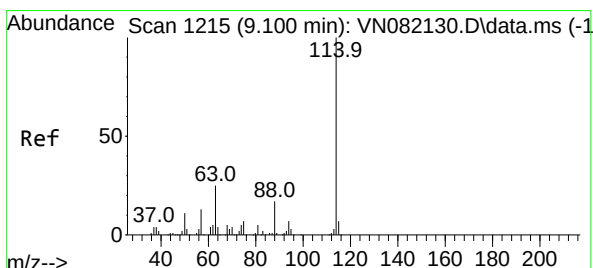
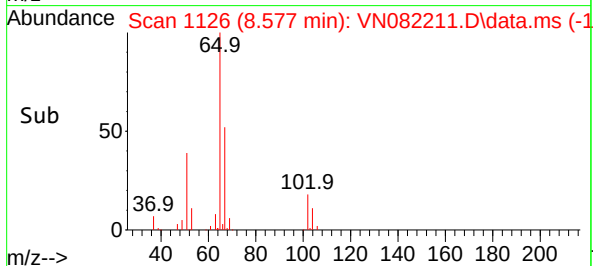
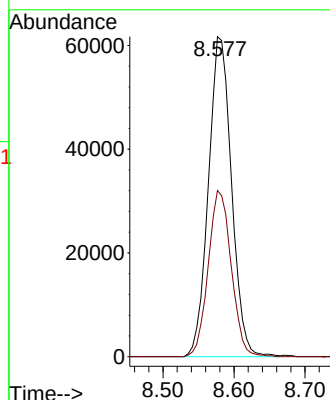
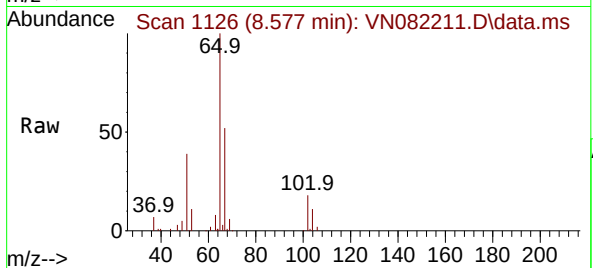
510-B

Tgt Ion: 65 Resp: 139407

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN082211.D

Acq: 20 May 2024 15:46

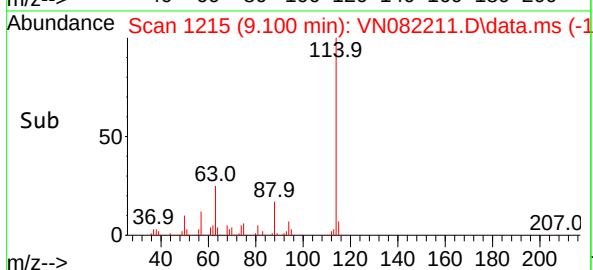
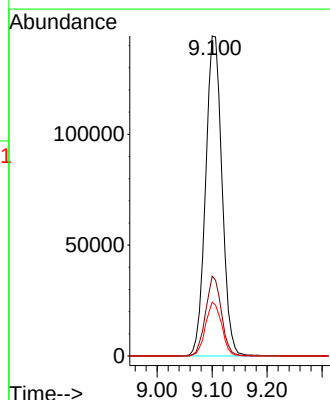
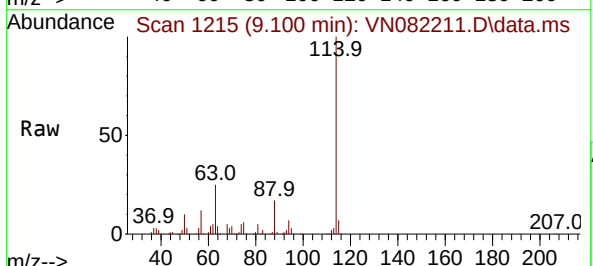
Tgt Ion: 114 Resp: 298880

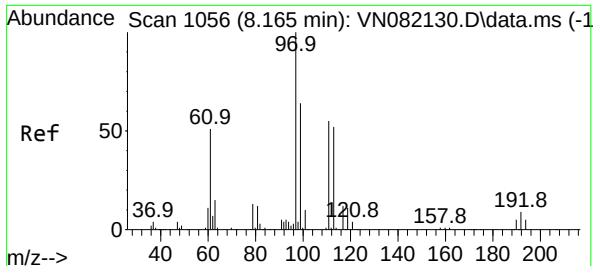
Ion Ratio Lower Upper

114 100

63 25.0 0.0 41.0

88 16.8 0.0 31.4

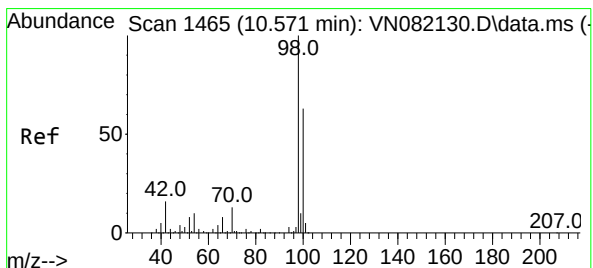
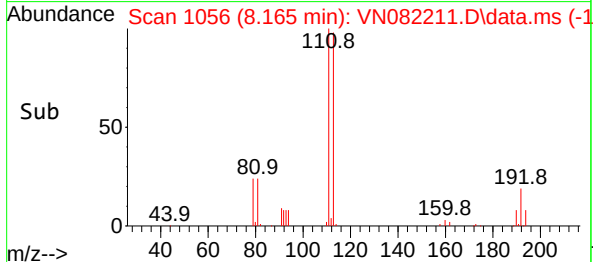
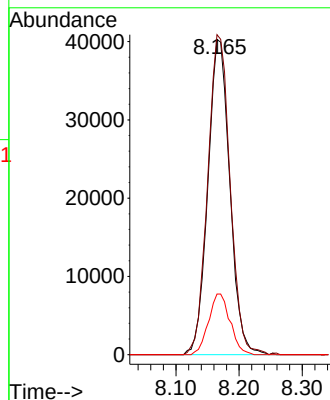
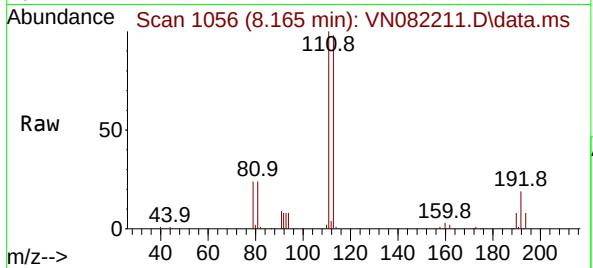




#35
Dibromofluoromethane
Concen: 52.852 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082211.D
Acq: 20 May 2024 15:46

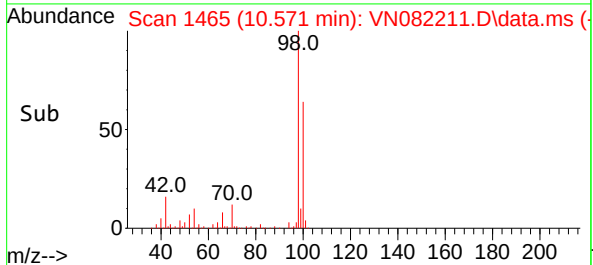
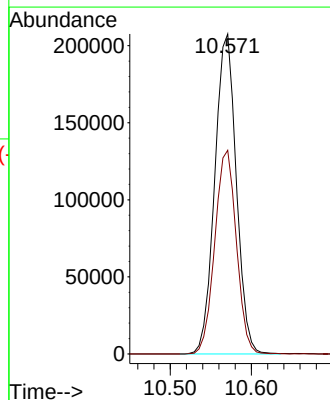
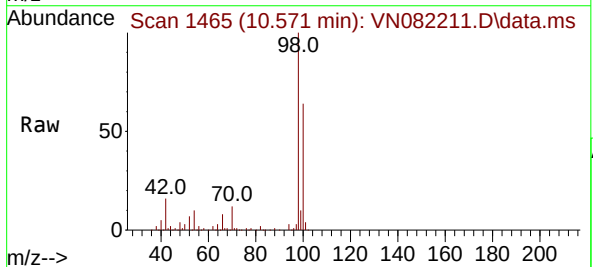
Instrument :
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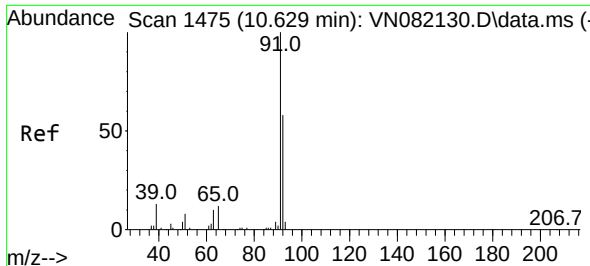
Tgt Ion:113 Resp: 97173
Ion Ratio Lower Upper
113 100
111 103.6 83.4 125.2
192 18.9 14.0 21.0



#50
Toluene-d8
Concen: 54.336 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082211.D
Acq: 20 May 2024 15:46

Tgt Ion: 98 Resp: 383014
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.6

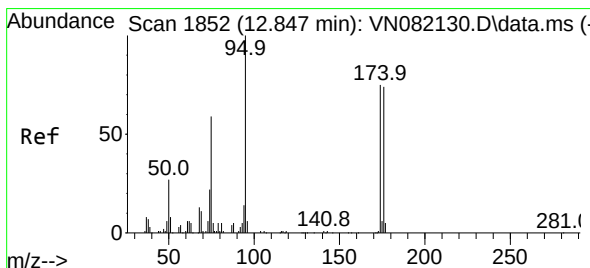
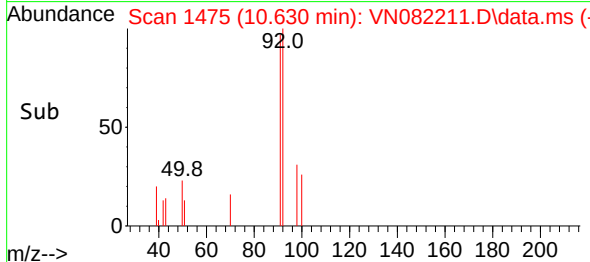
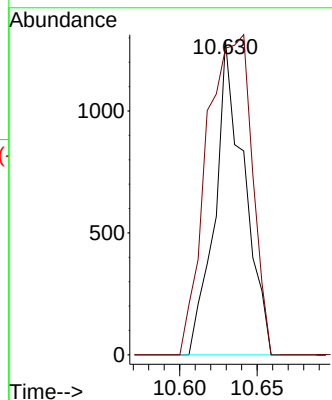
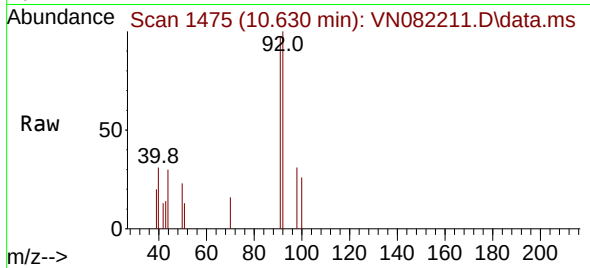




#52
Toluene
Concen: 0.307 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN082211.D
Acq: 20 May 2024 15:46

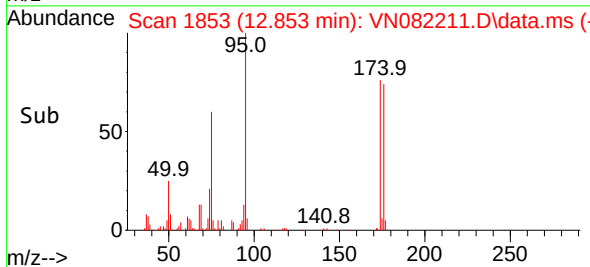
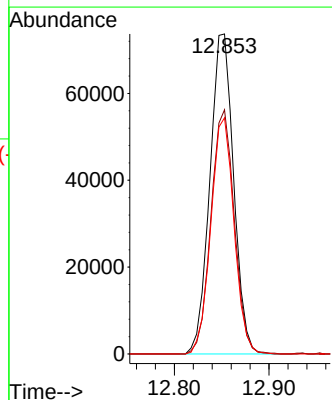
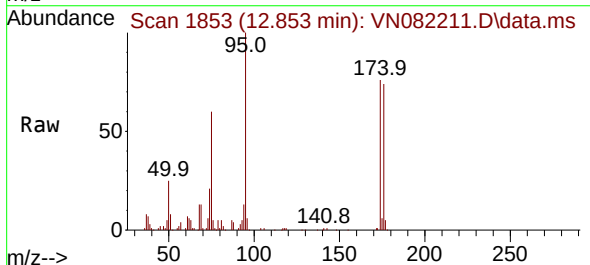
Instrument :
MSVOA_N
ClientSampleId :
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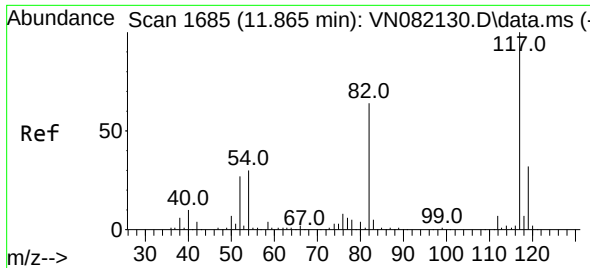
Tgt Ion: 92 Resp: 1693
Ion Ratio Lower Upper
92 100
91 157.2 136.7 205.1



#62
4-Bromofluorobenzene
Concen: 50.990 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082211.D
Acq: 20 May 2024 15:46

Tgt Ion: 95 Resp: 128287
Ion Ratio Lower Upper
95 100
174 75.1 0.0 160.6
176 72.0 0.0 152.8

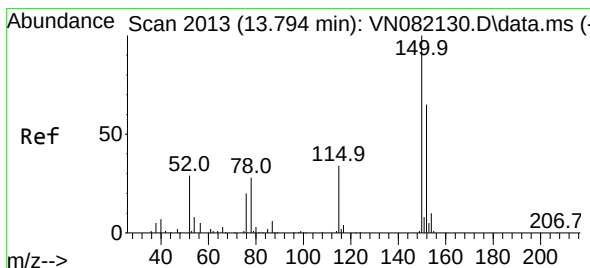
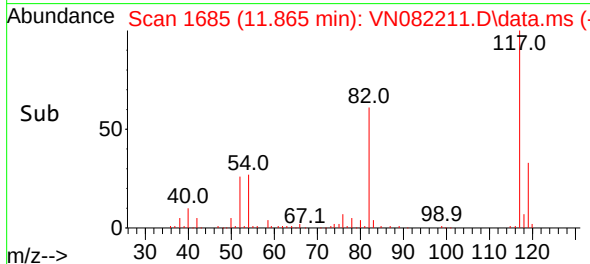
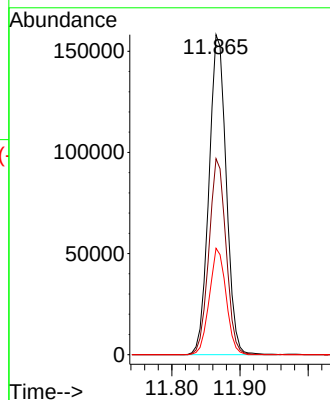
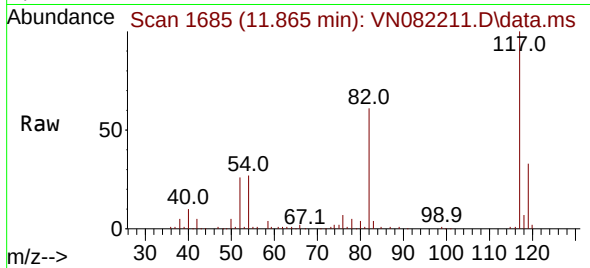




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN082211.D
Acq: 20 May 2024 15:46

Instrument :
MSVOA_N
ClientSampleId :
510-B

Tgt Ion:117 Resp: 278905
Ion Ratio Lower Upper
117 100
82 61.3 44.6 66.8
119 33.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082211.D
Acq: 20 May 2024 15:46

Tgt Ion:152 Resp: 119445
Ion Ratio Lower Upper
152 100
115 60.3 30.4 91.3
150 153.7 0.0 353.2

